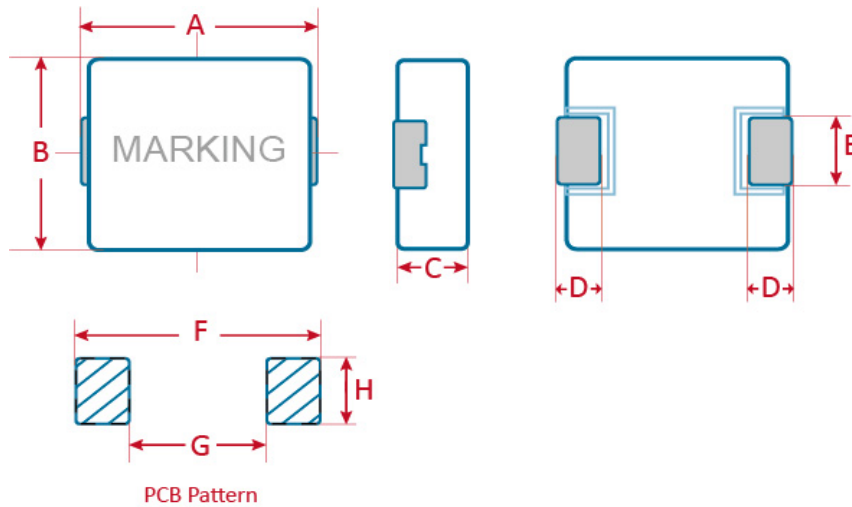


SPECIFICATION FOR APPROVED 樣品承認書

2022
NEW

機構圖 Shape and Dimensions(mm) :



Item	A	B	C	D	E	F	G	H
SAR7018-M	7.1 ± 0.3	6.6 ± 0.3	1.8 Max.	1.6 ± 0.5	3.0 ± 0.3	8.4 Typ.	3.7 Typ.	3.5 Typ.

印字Marking：印字顏色因生產設備而有所差異

SAR7018-M

Part No.	L(μH)	DCR(mΩ)	Isat(A)	Irms(A)	Tolerance (±%)
		Max.	Typ.	Typ.	
SAR7018MTR22-M	0.22	5.2	29	14	±20%
SAR7018MTR33-M	0.33	6.8	22	12	±20%
SAR7018MTR47-M	0.47	8.4	18	11	±20%
SAR7018MTR68-M	0.68	12.7	17	9.0	±20%
SAR7018MT1R0-M	1.0	20	14	7.0	±20%
SAR7018MT1R5-M	1.5	26	12	6.5	±20%
SAR7018MT2R2-M	2.2	35	8.0	5.0	±20%
SAR7018MT3R3-M	3.3	55	6.5	4.5	±20%
SAR7018MT4R7-M	4.7	70	5.0	3.5	±20%
SAR7018MT6R8-M	6.8	110	4.0	2.8	±20%
SAR7018MT100-M	10.0	165	2.5	2.3	±20%

SPECIFICATION FOR APPROVED 樣品承認書

HT 宏信科技股份有限公司
HT-TECH CORPORATION

2022
NEW

Ordering information

SAR - 7018 - MT - R22

(1) (2) (3)(4) (5)

- (1) Type : High Power Inductor
- (2) Size : 7018 is size
- (3) Tolerance : M=20%
- (4) Packaging style : Taping Reel
- (5) Inductance : R22 for 0.22uH,1R0 for 1.0uH,2R2 for 2.2uH...

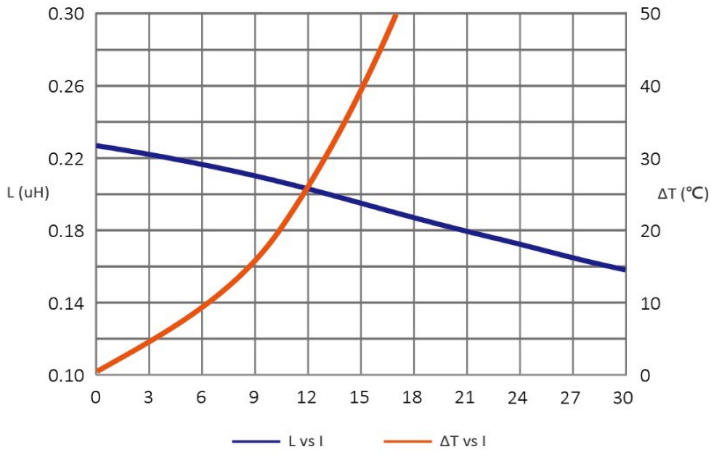
Characteristics

- All test data is referred to 25°C ambient.
 - Isat : DC current (A) that will cause Lo to drop approximately 30% (Typical)
 - Irms : DC current (A)that will cause an approximate ΔT of 40°C (Typical)
 - Operating temperature range : -40°C to +125°C
- 註 : Absolute maximum voltage 30VDC

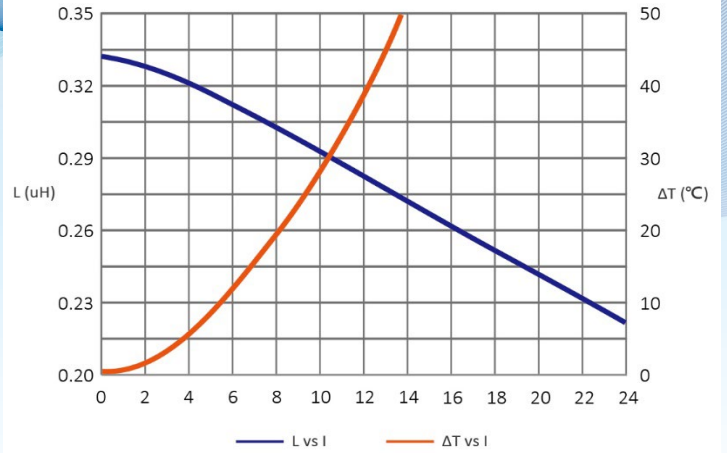
Test equipment

- Test Frequency : 100KHz ,1.0 Vrms.
- L :HP 4284A
- DCR : TH2512B

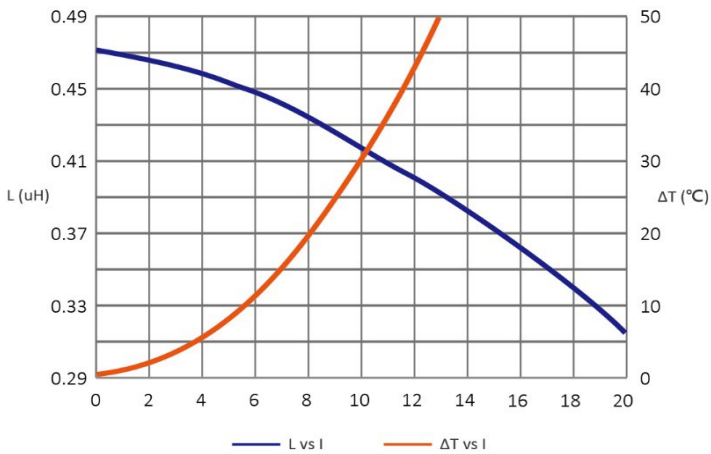
SAR7018MTR22-M



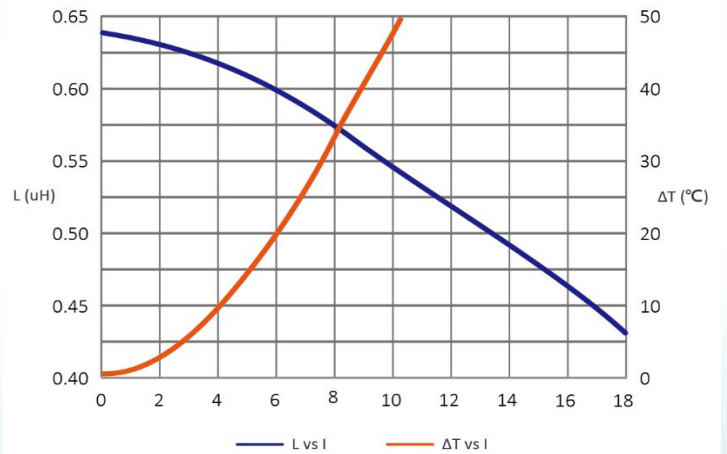
SAR7018MTR33-M



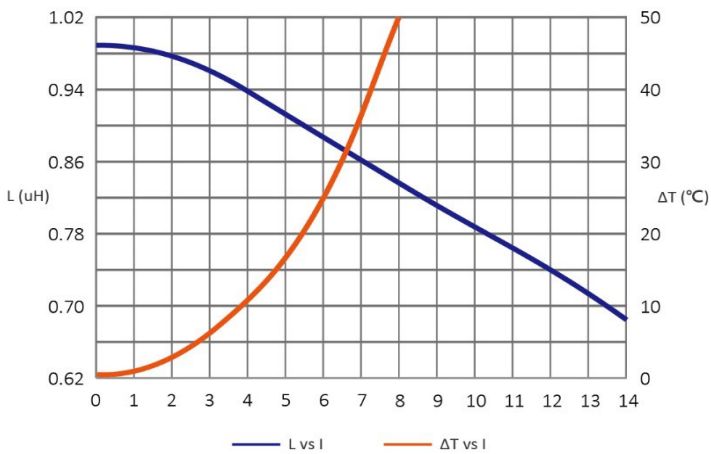
SAR7018MTR47-M



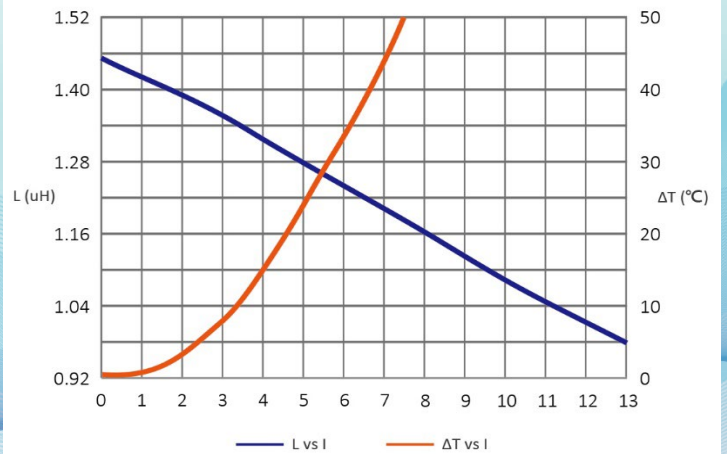
SAR7018MTR68-M

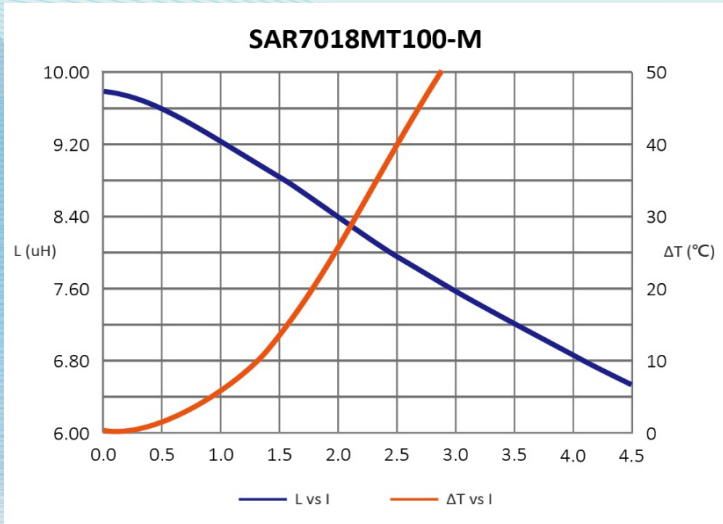
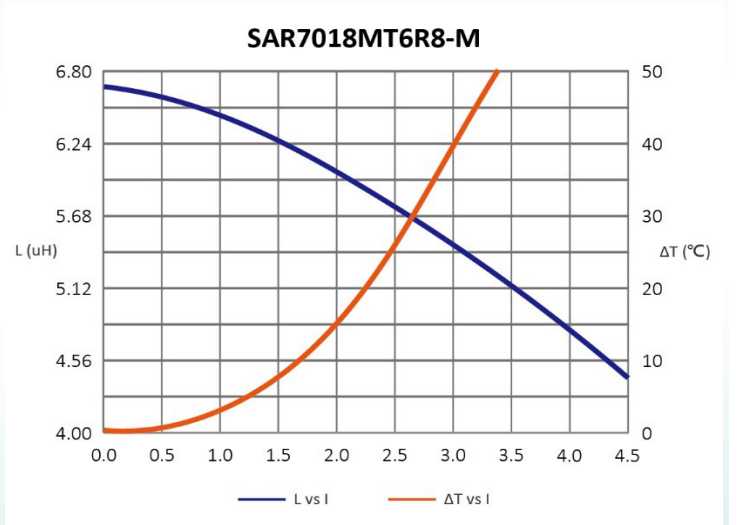
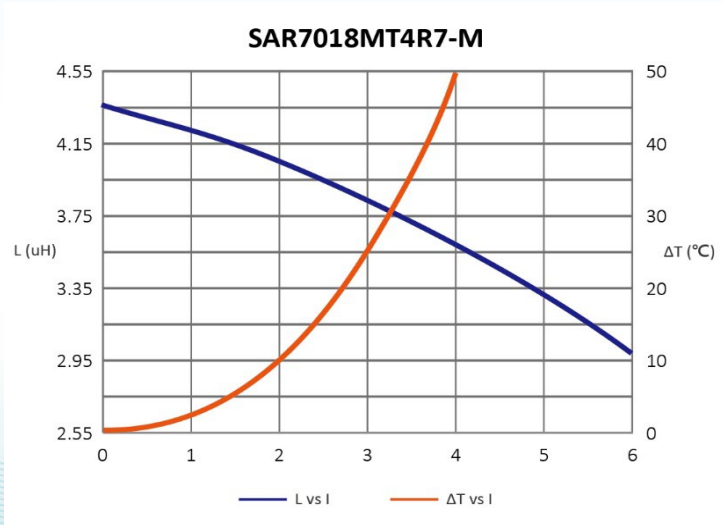
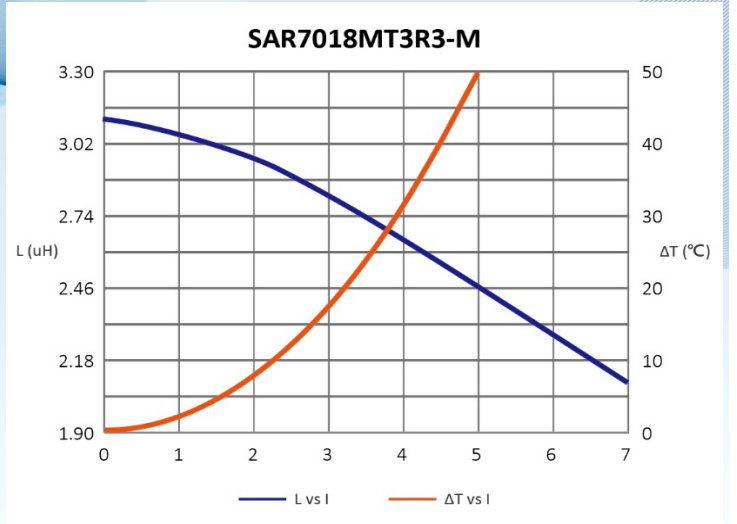
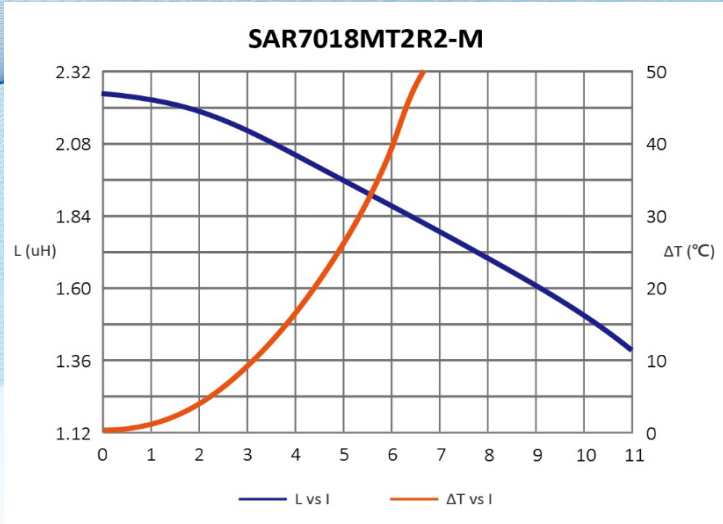


SAR7018MT1R0-M



SAR7018MT1R5-M





TAPE AND REEL SPECIFICATIONS

